

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A device for the transfer of heat away from a heat source comprising:

a base having first and second surfaces;

a plurality of fins extending from said second surface of said base, said plurality of fins being integrated with said second surface;

a chamber disposed between said first surface and said second surface of said base;

4D1 a divider disposed between said first surface and said second surface within said chamber ~~and adjacent said first surface~~;

a cooling fluid disposed within said chamber;

a pump proximate an edge of said base, the pump having a power cord connected to a power source;

an inlet of said pump being proximate said first surface of said base to receive said cooling fluid in said chamber that is proximate said first surface; and

an outlet of said pump that pumps said cooling fluid over a first surface of said divider.

Claim 2 (original): The device according to claim 1 further including a plurality of flow dividers extending from a first surface of said divider.

Claim 3 (withdrawn): The device according to claim 1 characterized in that said fins are hollow and in fluid communication with said chamber.

Claim 4 (original): The device according to claim 1 further characterized in that said pump circulates said fluid within said chamber.

Claim 5 (original): The device according to claim 2 wherein said plurality of flow dividers are disposed upon said first surface of said divider in a pattern that maximizes heat transfer from said fluid to said fins.


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Claim 6 (original): The device according to claim 1 characterized in that said pump is disposed within said chamber.

Claim 7 (withdrawn): The device according to claim 1 characterized in that said pump is disposed adjacent said base, and said pump further includes a pump inlet and a pump outlet, said inlet coupled to said chamber adjacent said first surface and said outlet coupled to said chamber adjacent to said divider.

Claim 8 (original): The device according to claim 1 wherein said cooling fluid is chosen from the group consisting of alcohol, antifreeze, propylene glycol, water.

Claim 9 (original): The device according to claim 1 wherein said base and said fins are constructed of one of the following materials chosen from the group consisting of copper, aluminum, steel, plastic.

Claim 10 (original): The device according to claim 1 further including a fan attached to said fins.



Claim 11 (previously presented): The device according to claim 1 further including a plurality of flow dividers extending radially from said pump.